B. AMENDMENTS TO THE CLAIMS

1. (Currently Amended). A method of producing purified papillomavirus virus – like particles (VLPs), comprising:

(i) purifying disassembled papillomavirus virus-like particles (VLPs); and

(ii) reassembling said disassembled papillomavirus virus-like particles (VLPs) from step (i) to produce purified papillomavirus virus – like particles (VLPs).

2. (Original). The method of Claim 1 wherein said VLPs are human papillomavirus VLPs.

3. (Original). The method of Claim 2 wherein said human papillomavirus VLPs are selected from the group consisting of HPV-6, HPV-11, HPV-16, HPV-18, HPV-30, HPV-31, HPV-33, HPV-35, HPV-39, HPV-41, HPV-42, HPV-43, HPV-44, HPV-45, HPV-52, HPV-54, HPV-55, HPV-56, HPV-58, HPV-70, and mixtures thereof.

4. (Original). The method of Claim 3 wherein said human papillomavirus VLP is an HPV-16 VLP.

5. (Original). The method of Claim 1 wherein said disassembled papillomavirus virus-like particles are produced by contacting a papillomavirus virus-like particle (VLP) containing composition with a solution comprising at least one sulfhydryl reducing agent for a time sufficient to disassemble said VLPs into smaller L1 protein containing molecules and/or mutated and/or chemically altered forms of L1 protein.

6. (Original). The method of Claim 5 wherein said papillomavirus VLPs include one or more of L1 proteins, mutated L1 proteins, and chemically altered L1 proteins; and include L2 proteins.

7. (Currently Amended). The method of Claim 5 wherein reassembling ~~reassembly~~ of said disassembled papillomavirus virus-like particles is induced by removal or oxidation of said sulfhydryl reducing agent.